PTO/SB/05 (01-04)

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## UTILITY PATENT APPLICATION **TRANSMITTAL**

ISR-197 Attorney Docket No. Knight First Inventor Heat Exchanging Fluid R..

(Only lot i	iew nonprovisional applic	cations under 37 CFR 1.53(b))	Express	<u>™ail</u> ER∃Ł	389944	149112		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			ADDRE	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
(Submir 2. Application See 37 3. Specific (preferr - Descript - Cross - State - Referr or a c - Back - Brief 1 - Detail - Claim	Fransmittal Form (e.g., PTO/SB/17) nit an original and a duplicate for fee processing) cant claims small entity status.  37 CFR 1.27. iffication [Total Pages 23] med arrangement set forth below) criptive title of the invention is Reference to Related Applications ement Regarding Fed sponsored R & D errence to sequence listing, a table, computer program listing appendix kground of the Invention Summary of the Invention Description of the Drawings (if filed) illed Description		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS					
- Claim(s) - Abstract of the Disclosure  4.  Drawing(s) (35 U.S.C. 113) [Total Sheets			9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Divisional  Continuation-in-part (CIP)  of prior application No.: 19/37.1.403  Prior application information:  Examiner Chen-Wen Jiang  Art Unit: 3744  For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been Inadvertently omitted from the submitted application parts.								
		19. CORRESPON	IDENCE A	DDRESS				
Custom	Customer Number: OR Correspondence address below							
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Country	USA	7	<u> </u>	(509)232-3437	Fax	99019 (509) 444-1082		
Name (Print/Ty	(pe) Paul A Kniight	1- 1-16	Registration No. (Attorney/Agent)   53,144					
Signature	1//	111 // ///			Doto	··· ·		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)
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Effective 10/01/2003. Patent fees are subject to annual revision.

✓ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

(\$) 385.00

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Complete if Known				
Application Number				
Filing Date	03/30/2004			
First Named Inventor	Knight			
Examiner Name				
Art Unit				
Attorney Docket No.	ISR-197			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
Check ✓ Credit card Money Other None	3. ADDITIONAL FEES				
Deposit Account:	Large Entity   Small Entity				
Deposit		Fee Fee Fee Description Code (\$) Fee Paid			
Account Number	1051 130	2051 65 Surcharge - late filing fee or oath			
Deposit Account	1052 50	2052 25 Surcharge - late provisional filing fee or cover sheet			
Name The Director is authorized to: (check all that apply)	1053 130	1053 130 Non-English specification			
Charge fee(s) indicated below Credit any overpayments	1812 2,520	1812 2,520 For filing a request for ex parte reexamination			
Charge any additional fee(s) or any underpayment of fee(s)	1804 920*	1804 920* Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840*	1805 1,840* Requesting publication of SIR after Examiner action			
FEE CALCULATION	1251 110	2251 55 Extension for reply within first month			
1. BASIC FILING FEE	1252 420	2252 210 Extension for reply within second month			
Large Entity Small Entity	1253 950	2253 475 Extension for reply within third month			
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,480	2254 740 Extension for reply within fourth month			
1001 770 2001 385 Utility filing fee 385.00	1255 2,010	2255 1,005 Extension for reply within fifth month			
1002 340 2002 170 Design filing fee	1401 330	2401 165 Notice of Appeal			
1003 530 2003 265 Plant filing fee	1402 330	2402 165 Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403 290	2403 145 Request for oral hearing			
1005 160 2005 80 Provisional filing fee .	1451 1,510	1451 1,510 Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 385.00	1452 110	2452 55 Petition to revive - unavoidable			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330	2453 665 Petition to revive - unintentional			
Fee from	1501 1,330	2501 665 Utility issue fee (or reissue)			
Extra Claims   Delow   Fee Paid	1502 480	2502 240 Design issue fee			
Independent 3 -3** = 0 x 0 = 0	1503 640	2503 320 Plant issue fee			
Oldinis	1460 130	1460 130 Petitions to the Commissioner			
	1807 、50	1807 50 Processing fee under 37 CFR 1.17(q)			
Large Entity   Small Entity Fee Fee Fee Fee Fee Description	1806 180	1806 180 Submission of Information Disclosure Stmt			
Code (\$) Code (\$)	8021 40	8021 40 Recording each patent assignment per property (times number of properties)			
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809 770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))			
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))			
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770	2801 385 Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900	1802 900 Request for expedited examination of a design application			
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SUBTOTAL (2) ((\$) 0 **or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)				
or number previously paid, if greater, For neissues, see above		(Ψ) (Ψ)			

SUBMITTED BY (Complete (if applicable))					te (if applicable))
Name (Print/Type)	Paul A. Knight	Registration No. (Attorney/Agent)	53,144	Telephone (509)232-343	
Signature	Isan A. 11 101			Date	03/30/04

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